

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE <i>(ER 1130-2-306)</i>					PAGE 1 OF 1		
					DATE JUNE 2006		
TO: The Record				FROM:	U.S. Army Corps of Engineers 26 Federal Plaza, ATTN: CENAN-OP-ST New York, NY 10278-0090		
RIVER/HARBOR NAME AND STATE: Newark Bay, Hackensack River of Hackensack & Passaic Rivers, New Jersey					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD		
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (n miles)	DEPTH (feet)			
Reach A: Droyers Reach. Begins at junction between Hackensack and Passaic Rivers at Red Nun #2; Ends at Lincoln Highway approximately 4,300 feet seaward of Green Can #11.	Map 201 Pg 2, 3, & 4 of 8 1, 2, & 7 Feb. 2006	400 - 300	1.56	32*	24.6	23.9	17.8
Reach B: Marion Reach. Begins at Lincoln Highway approximately 4,300 feet seaward of Green Can #11; Ends at the beginning of the Turning Basin approximately 1,300 feet seaward of Green Can #13.	Map 201 Pg 4, 5, 6, & 7 of 8 1, 2, & 7 Feb. 2006	300	1.82	32*	18.2	26.5	18.2
Reach C: Turning Basin. Begins approximately 1,300 feet seaward from Green Can #13; Ends at Green Can #13.	Map 201 Pg 7 & 8 of 8 1, 2, & 7 Feb. 2006	Irregular	0.23	25	Minimum Depth in this Section is 14.2		
Reach D (Partial): Route #3 Highway. Begins at Green Can #13; Partial reach ends at approximately 785 feet landward from Green Can #15.	Map 201 Pg 8 of 8 1, 2, & 7 Feb. 2006	200	0.34	15**	12.6	13.7	15.2

REMARKS:

- All depths in MLW
- Channel length is in nautical miles.
- Reach A: Shoaling exists in portions of the channel throughout this entire reach. In various areas of the reach, there is shoaling across the entire width of the channel.
- Reach B: Shoaling exists in portions of the channel throughout the much of this reach. In some areas of the reach, shoaling exists across the entire width of the channel. Project depth is, however, available for an approximate 3,600 foot length of the middle half of the landward end of this reach.
- Reach C: Shoaling exists in the upper left portion of the turning basin beginning approximately 620 feet seaward of Green Can #13 and continuing to the end of the reach. A shoal about 200 feet long and 60 feet wide also exists in the upper right corner of the turning basin adjacent to Red Nun #12.
- Partial Reach D: Shoaling exists along the left outside quarter, as well as in the middle half of the reach, beginning approximately 370 feet landward from the start of the reach, and continuing for about 1,265 feet landward.

* Reaches A & B were never completed to a 32 foot depth. Previous dredging was to 30 feet only.
 ** Reach D was never completed to a 15 foot depth. Previous dredging was to 12 feet only.